EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"20050020710"	DERWENT	ADJ	ON	2007/06/14 08:36
L2	1	2003-597901.NRAN.	DERWENT	ADJ	ON	2007/06/14 09:12
L3	1	hybrid onium	DERWENT	ADJ	ON	2007/06/14 09:12
L4	4	hybrid onium	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/06/14 12:04
L5	2	"7005234"	US-PGPUB; USPAT	ADJ	ON	2007/06/14 14:27
L6	30	("20020160295" | "20030008239" | "20030073032" | "20030082478" | "3725356" | "3839171" | "4019972" | "4476215" | "4499163" | "4510227" | "4772538" | "4950581" | "4952478" | "5080999" | "5200292" | "5246816" | "5340699" | "5641608" | "5705322" | "5919601" | "5952154" | "5965319" | "6013412" | "6030750" | "6309792" | "6399689" | "6423462" | "6482571" | "6566035" | "6576401").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/14 14:30
L7	2	"20020177074"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/14 14:30
L8	1	"20060251987"	US-PGPUB; USPAT	ADJ	ON	2007/06/14 16:04
S1	1400	infrared absorber	US-PGPUB; USPAT	ADJ	ON	2007/06/13 11:45
S2	187651	organic boron or boron	US-PGPUB; USPAT	ADJ	ON	2007/06/11 12:38
S3	13918	onium salt or onium	US-PGPUB; USPAT	ADJ	ON	2007/06/11 12:38
S4	248605	unsaturated	US-PGPUB; USPAT	ADJ	ON	2007/06/11 12:39
S5	72	S1 and S2 and S3 and S4	US-PGPUB; USPAT	ADJ	ON	2007/06/11 12:39
S6	5990	alkali-soluble	US-PGPUB; USPAT	ADJ	ON	2007/06/11 12:39
S7	32	S5 and S6	US-PGPUB; USPAT	ADJ	ON	2007/06/11 13:17
S8	6586	negative near resist	US-PGPUB; USPAT	ADJ	ON	2007/06/11 12:41

EAST Search History

S9	0	S8 and S7	US-PGPUB; USPAT	ADJ	ON	2007/06/11 12:41
S10	34730	polymerization initiator	US-PGPUB; USPAT	ADJ	ON	2007/06/11 13:17
S11	23	S7 and S10	US-PGPUB; USPAT	ADJ	ON	2007/06/11 15:00
S12	21	S2 near S10	US-PGPUB; USPAT	ADJ	ON	2007/06/11 13:27
S13	0	S11 and S12	US-PGPUB; USPAT	ADJ	ON	2007/06/11 13:56
S14	2299	infrared absorber	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/06/11 13:57
S15	1727	organic boron	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/06/11 13:57
S16	11393	onium salt	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/06/11 13:57
S17	439765	unsaturated	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/06/11 13:57
S18	13199	alkali-soluble	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/06/11 13:58
S19	19	S14 and S15 and S16 and S17 and S18	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/06/11 14:28
S20	13	polyvalent onium	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/06/11 14:31
S21	12	polyvalent onium	US-PGPUB; USPAT	ADJ	ON	2007/06/13 08:25
S22	12	polyvalent onium	US-PGPUB; USPAT	ADJ	OFF	2007/06/13 07:43
S23	0	polyvalent onium salt	US-PGPUB; USPAT	ADJ	OFF	2007/06/11 14:32
S24	12	polyvalent onium	US-PGPUB; USPAT	ADJ	OFF	2007/06/11 14:32

EAST Search History

S25	12	polyvalent onium	US-PGPUB; USPAT	ADJ	ON	2007/06/11 14:42
S26	31017	polyvalent	US-PGPUB; USPAT	ADJ	ON	2007/06/11 15:01
S27	13	S7 and S26	US-PGPUB; USPAT	ADJ	ON	2007/06/11 15:01
S28	5	divalent onium	US-PGPUB; USPAT	ADJ	OFF	2007/06/13 07:43
S29	13	polyvalent onium	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/06/13 11:36
S30	0	bivalent onium	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/06/13 11:36
S31	5	divalent onium	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/06/13 11:36
S32	6	valent onium	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/06/13 11:38
S33	0	poly valent onium	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/06/13 11:38
S34	0	more valent onium	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/06/13 11:38
S35	64	S+ and I+	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/06/13 11:43
S36	479786	resist	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/06/13 11:43
S37	4	S35 and S36	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/06/13 11:43
S38	1401	infrared absorber	US-PGPUB; USPAT	ADJ	ON	2007/06/13 11:45
S39	46	S38 and organic boron	US-PGPUB; USPAT	ADJ	ON	2007/06/13 11:45

EAST Search History

S40	8626	onium salt	US-PGPUB; USPAT	ADJ	ON	2007/06/13 11:45
S41	43	S39 and S40	US-PGPUB; USPAT	ADJ	ON	2007/06/13 11:47
S42	34756	polymerization initiator	US-PGPUB; USPAT	ADJ	ON	2007/06/13 12:08
S43	35	S41 and S42	US-PGPUB; USPAT	ADJ	ON	2007/06/13 11:49
S44	31036	polyvalent	US-PGPUB; USPAT	ADJ	ON	2007/06/13 12:07
S45	20	S43 and S44	US-PGPUB; USPAT	ADJ	ON	2007/06/13 11:50
S46	1133	organic boron	US-PGPUB; USPAT	ADJ	ON	2007/06/13 11:50
S47	5	S42 near S46	US-PGPUB; USPAT	ADJ	ON	2007/06/13 11:50
S48	0	polyhydric onium	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/06/13 12:05
S49	86031	polyhydric	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/06/13 12:05
S50	18698	onium	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/06/13 12:05
S51	2792	S49 and S50	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/06/13 12:06
S52	171	S51 and S46	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/06/13 12:06
S53	36	S52 and S38	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/06/13 12:06
S54	12	polyvalent onium	US-PGPUB; USPAT	ADJ	ON	2007/06/13 12:07
S55	95	S42 near onium	US-PGPUB; USPAT	ADJ	ON	2007/06/13 12:08
S56	362	ammonium near boron	US-PGPUB; USPAT	ADJ	ON	2007/06/13 14:29

EAST Search History

S57	3	S56 and S40	US-PGPUB; USPAT	ADJ	ON	2007/06/13 14:30
S58	0	organic boron same infrared absorber same onium same unsaturated	US-PGPUB; USPAT	ADJ	ON	2007/06/13 15:19
S59	43	organic boron and infrared absorber and onium and unsaturated	US-PGPUB; USPAT	ADJ	ON	2007/06/13 15:22
S60	6593	negative near resist	US-PGPUB; USPAT	ADJ	ON	2007/06/13 15:19
S61	0	S59 and S60	US-PGPUB; USPAT	ADJ	ON	2007/06/13 15:19
S62	5949	negative resist	US-PGPUB; USPAT	ADJ	ON	2007/06/13 15:20
S63	26	S59 and "43"	US-PGPUB; USPAT	ADJ	ON	2007/06/13 15:20
S64	0	S59 and S62	US-PGPUB; USPAT	ADJ	ON	2007/06/13 15:20
S65	0	organic boron neaar initiator	US-PGPUB; USPAT	ADJ	ON	2007/06/13 15:22
S66	11	organic boron near initiator	US-PGPUB; USPAT	ADJ	ON	2007/06/13 15:23

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NEWS	7	JAN 22	CA/CAplus enhanced with patent applications from India
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NEWS	9	JAN 29	CAS Registry Number crossover limit increased to 300,000 in multiple databases
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NEWS	11	FEB 15	RUSSIAPAT enhanced with pre-1994 records
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NEWS	14	FEB 26	EMBASE enhanced with Clinical Trial Number field
NEWS	15	FEB 26	TOXCENTER enhanced with reloaded MEDLINE
NEWS	16	FEB 26	IFICDB/IFIPAT/IFIUDB reloaded with enhancements
NEWS	17	FEB 26	CAS Registry Number crossover limit increased from 10,000 to 300,000 in multiple databases
NEWS	18	MAR 15	WPIDS/WPIX enhanced with new FRAGHITSTR display format
NEWS	19	MAR 16	CASREACT coverage extended
NEWS	20	MAR 20	MARPAT now updated daily
NEWS	21	MAR 22	LWPI reloaded
NEWS	22	MAR 30	RDISCLOSURE reloaded with enhancements
NEWS	23	APR 02	JICST-EPLUS removed from database clusters and STN
NEWS	24	APR 30	GENBANK reloaded and enhanced with Genome Project ID field
NEWS	25	APR 30	CHEMCATS enhanced with 1.2 million new records
NEWS	26	APR 30	CA/CAplus enhanced with 1870-1889 U.S. patent records
NEWS	27	APR 30	INPADOC replaced by INPADOCDB on STN
NEWS	28	MAY 01	New CAS web site launched
NEWS	29	MAY 08	CA/CAplus Indian patent publication number format defined
NEWS	30	MAY 14	RDISCLOSURE on STN Easy enhanced with new search and display fields
NEWS	31	MAY 21	BIOSIS reloaded and enhanced with archival data
NEWS	32	MAY 21	TOXCENTER enhanced with BIOSIS reload
NEWS	33	MAY 21	CA/CAplus enhanced with additional kind codes for German patents
NEWS	34	MAY 22	CA/CAplus enhanced with IPC reclassification in Japanese patents

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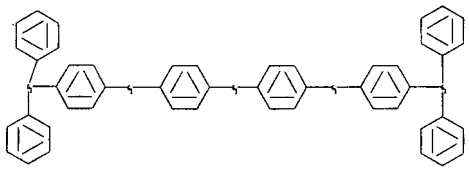

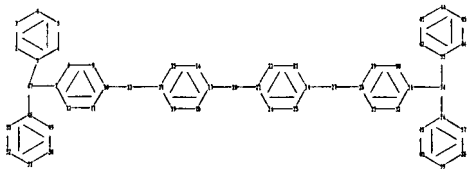

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13 20 27 34 47
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 14 15 16 17 18 19 21 22 23 24 25
26 28 29 30 31 32 33 35 36 37 38 39 40 41 42 43 44 45 46 48 49
50 51 52 53
chain bonds :
1-47 7-47 10-13 13-14 17-20 20-21 24-27 27-28 31-34 34-35 34-36 47-48
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12 14-15 14-19
15-16 16-17 17-18 18-19 21-22 21-26 22-23 23-24 24-25 25-26 28-29 28-33
29-30 30-31 31-32 32-33 35-42 35-46 36-37 36-41 37-38 38-39 39-40 40-41
42-43 43-44 44-45 45-46 48-49 48-53 49-50 50-51 51-52 52-53
exact/norm bonds :
1-47 7-47 10-13 13-14 17-20 20-21 24-27 27-28 31-34 34-35 34-36 47-48
normalized bonds :
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29-30 30-31 31-32 32-33 35-42 35-46 36-37 36-41 37-38 38-39 39-40 40-41
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G1:S,I

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:CLASS 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom
20:CLASS 21:Atom 22:Atom 23:Atom 24:Atom 25:Atom 26:Atom 27:CLASS 28:Atom
29:Atom 30:Atom 31:Atom 32:Atom 33:Atom 34:CLASS 35:Atom 36:Atom 37:Atom
38:Atom 39:Atom 40:Atom 41:Atom 42:Atom 43:Atom 44:Atom 45:Atom 46:Atom
47:CLASS 48:Atom 49:Atom 50:Atom 51:Atom 52:Atom 53:Atom

L1 STRUCTURE UPLOADED

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L1 HAS NO ANSWERS
L1              STR
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PROJECTED ITERATIONS:          272 TO      928
PROJECTED ANSWERS:               1 TO       80

L2             1 SEA SSS SAM L1



L3             1 L2

=> d l3

L3   ANSWER 1 OF 1  CAPLUS  COPYRIGHT 2007 ACS on STN
AN   2003:376813  CAPLUS
DN   138:385922
TI   Hybrid onium salts having iodonium and sulfonium salts in the molecules
     for cationic photopolymerization initiators or acid generators for
     chemical-amplification-type resists
IN   Ishihara, Masami; Maesawa, Tsuneaki; Urano, Yoji
PA   Wako Pure Chemical Industries, Ltd., Japan
SO   PCT Int. Appl., 108 pp.
     CODEN: PIXXD2
DT   Patent
LA   Japanese
FAN.CNT 1
     PATENT NO.          KIND   DATE        APPLICATION NO.      DATE
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PI   WO 2003040090        A1    20030515    WO 2002-JP11446      20021101
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             LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
             PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
             UA, UG, US, UZ, VN, YU, ZA, ZM, ZW
         RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,
             CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
             PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,
             NE, SN, TD, TG
     TW 246525             B     20060101    TW 2002-91132235     20021031
     AU 2002344452         A1    20030519    AU 2002-344452       20021101
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     EP 1443042           A1     20040804    EP 2002-779991          20021101
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     CN 1578766           A      20050209    CN 2002-821640          20021101
     US 2005020710        A1     20050127    US 2004-494481          20040503
     US 7101918           B2     20060905
PRAI JP 2001-340144       A      20011106
     WO 2002-JP11446      W      20021101
OS   MARPAT 138:385922
RE.CNT  4      THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
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